# Electronic Supplementary Material

## Host Interferon-stimulated Gene 20 Inhibits Pseudorabies Virus Proliferation
## Running title: ISG20 Inhibits PRV Proliferation

Xiaoyong Chen[1] • Dage Sun[1] • Sujie Dong[1] • Huanjie Zhai[1] • Ning Kong[1,2] • Hao Zheng[1,2] • Wu Tong[1,2] •
Guoxin Li[1,2] • Tongling Shan[1,2]✉ • Guangzhi Tong[1,2]✉

1. Department of Swine Infectious Diseases, Shanghai Veterinary Research Institute, Chinese Academy of Agricultural Sciences, Shanghai, 200241, China;
2. Jiangsu Co-Innovation Center for the Prevention and Control of Important Animal Infectious Disease and Zoonose, Yangzhou University, Yangzhou, 225009, China.

**Table S1.** Primers used for PK15 cells

| Primer | Sequence (5′-3′) |
| --- | --- |
| ISG20-siRNA-F | CCGCUACACAAUCUAUGACdTdT |
| ISG20-siRNA-R | GUCAUAGAUUGUGUAGCGGdTdT |
| Control-siRNA-F | UUCUCCGAACGUGUCACGUdTdT |
| Control-siRNA-R | ACGUGACACGUUCGGAGAAdTdT |
| GAPDH-F | ATGGTGAAGGTCGGAGTGAAC |
| GAPDH-R | CGTGGGTGGAATCATACTGG |
| ISG20-F | AGGACATGAACCGCTACACA |
| ISG20-R | CATCGTTGCCTTCGCATCTT |
| IFN-β-F | TGCAACCACCACAATTCC |
| IFN-β-R | CTGAGAATGCCGAAGATCTG |
| OASL-F | TCTAAGACACTATGCTCTTG |
| OASL-R | GGCATGATGGTGAAAGTGAT |
| ISG56-F | AAGGTGAAGG ACACTTGCAG |
| ISG56-R | AGACCTTGGCCCGTTCATAA |
| TNF-α-F | ACTCAGATCA TCGTCTCAAA |
| TNF-α-R | GCTGGTTGTCTTTCAGCTTC |
| IL-8-F | ATGACTT CCAAACTGGCTGT |
| IL-8-R | GTGTGGAATGCGTATTTATG |
| ISG15-F | ATCGGACCTG AAGCAGCAGA |
| ISG15-R | TGCACCATCAACAGGACTGT |
| MxA-F | GGCAATCAGC CATACGACAT |
| MxA-R | GATCCGGCTTCGTCAAGATC |

**Table S2**. Primers used for HeLa and HEK293T cells

| Primer | Sequence (5′-3′) |
| --- | --- |
| ACTB-F | GTTGCTATCCAGGCTGTGCT |
| ACTB-R | AGGTAGTCAGTCAGGTCCCG |
| ISG20-F | TGCTGTGCTGTACGACAAGT |
| ISG20-R | GGAAGTCGTGCTTCAGGTCA |